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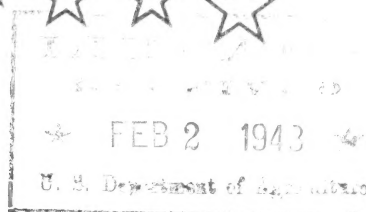
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62,43



LINS

*Outstanding Gladiolus
for 1943*



E. H. LINS

COLOGNE, MINN.



New

Rare

GLADIOLUS

for the fancier



•
DREAM CASTLE
BLACK PANTHER

BELTRAMI
MANDALEEN
HALLOWEEN

KENWOOD
MELROSE
CONCHITA
FIANCEE
MELLOWGLOW
BELMAR
•



MERCURY

•
STOPLIGHT
MERCURY
CHOCOLATE CREAM
RIO RITA
BLAZE
DARLENE
DIXIE BELLE
FLAME NYMPH
MINNEWASHTA
RED SPIRE
ROYAL PURPLE
•

Dear Glad Fans and Growers

You've been subjected to a lot of ballahoo about new introductions and have perhaps made up your mind that most new varieties offered are no better than the varieties already on the market.

Admittedly some mistakes have been made. Seedlings have a way of sometimes falling down in performance after a few years and although they had performed excellently in the introducer's garden up to the time of introduction. Some seedlings, when subjected to different environments, climate and soil did not live up to previous performance. I've tried to safeguard against disappointments by having seedlings tested in official trial grounds and by experts in different parts of the country before introducing them.

I've grown hundreds of thousands of seedlings since 1926. Each year during the blooming season the promising seedlings are tagged for further consideration. During the following blooming seasons most (once promising) seedlings fall out, only a small percentage of original selections finally make the grade.

Considering the time and expense involved in growing large numbers of seedlings year after year, it is only reasonable to assume that only those are retained that have a reasonable chance to make good. When we continue to grow and propagate a seedling from four to six years that seedling has proven satisfactory to us.

I am introducing nine new ones for 1943. These have been tested from four to six years and besides being beautiful are also good performers, in most cases producing good spikes even from sizes 3 and 4 bulbs. The introduction price is low enough so people can buy them NOW rather than wait several years.

GUARANTEE ON 1943 INTRODUCTIONS

Although I am introducing these new ones at modest prices I am so confident these will please you that I am willing to allow credit toward next year's list to the amount paid for whichever of these that failed to delight you.

Dream Castle (1943)

Seedling No. 37130-B — Rio Rita X Heritage

We watched this precision built flower four years. In 1941 we used all available spikes for hybridizing, which shows it was considered good enough to warrant the trouble and expense of growing the resultant seedlings. The spikes have always been about as perfect as could be wished and depending on culture will classify medium to large exhibition. The color is warm coral pink blending to lighter throat, ruffled and florets are perfectly attached. In 1941 a single spike entry was given a Commendation award. In 1942 we entered the first three spikes that bloomed in N.E.G.S. region show, the five man judging team scored the final selections and Dream Castle scored 90 plus, thereby winning the SEEDLING CHAMPION AWARD, also a FIRST CLASS CERTIFICATE and the AMERICAN HOME ACHIEVEMENT MEDAL. At the time of judging the spikes had 6 florets open. The spikes stood on the show table two days. The last night of the show the spikes had 8 florets open in good condition. We took the spikes home and the following morning placed them in the refrigerator where one of the spikes opened 11 florets before the lower floret went down. Good propagator.

	Large	Medium	Small	Bulblets
1	\$ 2.00	\$ 1.50	\$.75	10 for \$ 1.50
10	16.00	12.00	6.00	100 for 12.00

Black Panther (1943)

Seedling No. 37123-B (Moorish King X Tip Top)

After watching this 5XX seedling several years we gave it the garden name Black Magic. Several years later we still considered it outstanding and tried to register the name with the American Registry but found that Erreys had just been granted the use of that name for one of their dark reds, so we renamed our seedling BLACK PANTHER.

BLACK PANTHER builds a tall strong plant. The florets are a departure from the conventional black red gladiolus, which were usually small and elongated. The Black Red florets of BLACK PANTHER are large, 5 to 5½ inches and wide open. The past season we had a lot of spikes of this that were over 4 feet when cut with six 5½ inch florets and plenty bud color, with 22 to 24" flower heads of 18 buds. Black Panther is the largest black red gladiolus I know of and when this becomes plentiful should give a good account of itself. I reserve the right to withdraw this from sale when stock intended for release is sold.

Large and Medium — 1 for \$2.50

Beltrami (1943)

Seedling No. 3550-B (Picardy X Commander Koehl)

Here is another variety that during seven seasons has been outstanding from the point of beauty and performance. Being a good propagator we had sufficient stock in all sizes to test this thoroughly and we cut grade A spikes from practically all bulbs planted for cutflower purposes. Builds an impressive spike composed of large fluted and somewhat ruffled flowers. The plants are tall and slender and open up around 6 large florets on long flower head. Have excellent reports on this from people who tried it as seedling and we found florists like it because it blends well.

The color is a light rose mulberry blend that is hard to describe in words but is really beautiful.

	Large	Medium	Small	Bulblets
1	\$.50	\$.35	\$.20	20 for \$ 1.00
10	4.00	2.80	1.60	100 for 4.00

Mandaleen (1943)

Seedling No. 8-3550 — (Picardy X Commander Koehl)

This was checked during seven blooming seasons, being a good propagator, sufficient stock was available in all sizes to check this to my entire satisfaction. Reports from those who tried it as seedling, show it is outstanding from the point of beauty and performance. The tall slender, well balanced straight spikes with 5" and larger, flat, ruffled florets, perfectly attached, perfectly placed and spaced, with excellent substance and texture, would gladden the heart of any commercial grower. Color is shimmering light pink blending into creamy throat, with touch of yellow. This variety is as near fool proof as I would expect a glad to be. Large decorative, commercial. Good propagator and germinator. Named at one of our seedling meetings.

Mr. K. L. Blood, president of the Utah Wholesale Florists writes: "Glad to note you named No. 8-3550 and as I said in report this MANDALEEN is about as fine an all around glad as I have ever grown."

	Large	Medium	Small	Bulblets
1	\$ 1.00	\$.50	\$.35	10 for \$ 1.00
10	8.00	4.00	2.80	100 for 8.00

Halloween (1943)

Seedling No. 3638 — (Pic X Phitzers Triumph) X Miss New Zealand

I like orange glads especially when this color is coupled with good performance. Halloween is a clean, unflecked deep orange blending into a red throat, which makes it appear orange red. In 1942 we planted 500 bulbs of this in sizes 3 and 4, for cutflowers. The resultant spikes were practically all specimens. Makes a tall strong spike, no crooks, medium flower head. The 5 inch and larger florets have good substance and texture. Early bloomer and good propagator. We harvested a good stock of choice bulbs, so can introduce at low price.

The president of the Utah Wholesale Florists reports: Quote "No. 3638 is a very pretty orange red which opens up like Picardy. We like this flower very much."

	Large	Medium	Small	Bulblets
1	\$.50	\$.35	\$.20	20 for \$ 1.00
10	4.00	2.80	1.60	100 for 4.00

Kenwood (1943)

Seedling No. 3655 (Picardy X Phitzer's Triumph X Flaming Meteor)

Kenwood is a pure red, with no traces of scarlet and absolutely no blotch or marking of any kind. During the last several seasons we grew this in good quantity and it has consistently produced fine spikes from even the smaller sized bulbs. The tall slender strong plants make a good flower head of five to six, 5 to 5½ inch plain petaled florets. Produces healthy bulbs and a lot of bulblets that germinate easily. Blooms in 95 to 100 days.

An expert in Utah, who tried this as seedling reported as follows: "The one bulb of No. 3655 produced the best and prettiest red spike in my garden, sure seemed to like the heat."

	Large	Medium	Small	Bulblets
1	\$ 1.00	\$.50	\$.35	10 for \$ 1.00
10	8.00	4.00	2.80	100 for 8.00

Melrose (1943)

Seedling No. 36110 — (3411 Blue seedling X Picardy)

VOTE OF COMMENDATION from Maryland Trial Gardens. This flower has a striking color and beautiful form. The color of the large ruffled florets is between deep rose pink of bluish cast and rose red, blending into an American Beauty color throat. Plant is of medium height but can build a good spike, in fact we had spikes of Melrose as good as choice Picardy. Whenever we had cut spikes of Melrose to offer they were eagerly taken by florists and cutflower customers. Good propagator. We have few glads in this color.

	Large	Medium	Small	Bulblets
1	\$ 1.00	\$.75	\$.50	10 for \$ 1.00
10	8.00	6.00	4.00	100 for 8.00

Conchita (1943)

Seedling No. 3-3530 — (Seedling X Picardy)

COMMENDATION AWARD by the Maryland Trial Gardens. The 5 to 6 inch beautifully shaped ruffled florets are clean unflecked light orange, blending to a lighter throat, overlaid with a small blended blotch. Plants are tall and rangy. Opens around 6 large florets with 4 showing color. It's hard to describe this beautiful flower but I guarantee you'll like it. Reports such as "3-3530-C has the most beautiful floret I ever saw" or "3-3530-C is a very beautiful glad" give you an idea what you can expect.

	Large	Medium	Small	Bulblets
1	\$.50	\$.35	\$.20	20 for \$ 1.00
10	4.00	2.80	1.60	100 for 4.00

Fiancee (1943)

Seedling No. 36132 (Sweetheart X Picardy, X Christabel)

I can still see the fine slender spike with it's beautiful pure chaste florets this seedling produced the first time it bloomed in 1937. Since then it has continued to thrill me. It is an early bloomer, large decorative type, good propagator and builds tall slender spikes with large florets. Several years ago we showed spikes of this at one of our shows where a prominent grower called it a glorified Sweetheart. Fiancee has the same large prominent white throated blending to pale pink, floret as Sweetheart but the florets are up to six inches and the plants are tall. A large vase or basket of this is a beautiful sight.

	Large	Medium	Small	Bulblets
1	\$ 1.00	\$.50	\$.35	10 for \$ 1.00
10	8.00	4.00	2.80	100 for 8.00

Melloglow 1942

Delicate pale pastel creamy buff. This must be seen in quantity in a vase to be really appreciated. We cut quantities of MELLOWGLOW the past season for the florist trade and a bunch of this in a florist's cooler was always the outstanding delicate colored variety.

Plants are of medium height but tall enough to make a good spike. Opens up more florets than the usual Picardy seedling. MELLOWGLOW usually opens 7 to 8 florets and is outstanding among the delicate colored varieties. Has to it's credit a FIRST CLASS CERTIFICATE, CHAMPION SEEDLING AWARD and AMERICAN HOME ACHIEVEMENT MEDAL.

	Large	Medium	Small	Bulblets
1	\$.50	\$.35	\$.20	10 for \$.50
10	4.00	2.80	1.60	100 for 3.00

Belmar 1942

Large ruffled and fluted florets of light creamy pink with apricot throat overlaid by slight light red feather. Spikes always straight. This has again been outstanding for us the past season. Labor Day we had a call for 60 dozen glads suitable for basket work. We furnished 60 dozen BELMAR that averaged 4 feet cut, these were from medium bulbs. It makes a good straight spike with 5 to 6 florets averaging 5½ inches. In some sections it performs even better. We have reports of it opening 8 seven inch florets with 7 showing color on 53" spike with 23 inch flower head of 20 buds.

AWARD OF MERIT, MINNESOTA.

	Large	Medium	Small	Bulblets
1	\$.50	\$.35	\$.20	10 for .50
10	4.00	2.80	1 60	100 for 3.00

Stoplight 1942

This brilliant ruffled red has about everything that could be desired. The color is clear and brilliant and never flecks. The substance is heavy and texture excellent. Florets are flat, ruffled, wide open, perfectly placed and attached, long flower head of 18 to 20 buds. The always straight spikes average 4 feet under field conditions but we have reports of STOPLIGHT producing 55" spikes with eight 5" florets on 26 inch flower head of 21 buds.

Last summer during the heat spells when practically all bloom in the garden hung limp, STOPLIGHT stood up fresh and unwilted. The first year of it's introduction it has taken the blue ribbon wherever it was shown in competition.

	Large	Medium	Small	Bulblets
1	\$.50	\$.35	\$.20	10 for \$.50
10	\$ 4.00	2.80	1.60	100 for 3.00

Mercury

This is a seedling of Picardy X Commander Koehl and makes a Picardy spike with the color changed to vermillion. The mellow yet brilliant color is outstanding both in the garden and under artificial light. Will be in great demand as a cutflower, as well as for exhibition when stock becomes plentiful. Good propagator. Peeled bulblets, planted early will make up to No. 1 bulbs with loads of bulblets. Invest in bulblets of Mercury to get a cheap start in something outstanding.

	Large	Medium	Small	Bulblets
1	\$ 2.00	\$ 1.00	\$.50	10 for \$ 1.00
10	16.00	8.00	4.00	100 for 8.00

Chocolate Cream

The color of this beautiful flower suggests rich chocolate blending into a large conspicuous creamy white throat. The effect is beautiful and blends well with light shades. Ordinarily builds good decorative spike but if given good culture will reward you with an exhibition spike with 8 florets open. We now have sufficient stock to list this in all sizes and bulblets. Don't fail to stock up on this if you want something really fine.

	Large	Medium	Small	Bulblets
1	\$.20	\$.15	\$.10	10 for \$.25
10	1.60	1.20	.80	100 for 2.00

Rio Rita

Exhibition ruffled orange. Rio Rita is a Picardy X Phitzer's Tr. Seedling and from Picardy has inherited the ability to make a good show spike. Can easily hold 8 open on 22 to 24 inch flower head. The 5 to 5½" and larger florets have good substance and texture and are ruffled. We had spikes in the house over ten days in good condition. Even if cut in tight bud they open large flowers to the very last tip bud. Blooms in around 95 days but is a slow opener, so allow several days for cut spikes to reach it's prime.

Has won COMMENDATION AWARDS from MARYLAND TRIAL GARDEN and N. E. G. S. SPECIAL SEEDLING AWARD FROM N. E. G. S.; BUTLER TROPHY in Boston; RECENT INTRODUCTION AWARD, CHAMPION AND BLUE RIBBONS and we predict this is only a start.

	Large	Medium	Small	Bulblets
1	\$.50	\$.35	\$.20	10 for \$.50
10	4.00	2.80	1.60	100 for 3.00

Blaze

Pure light scarlet self. Makes a willowy non-crooking spike with long flower head. Opens 5 to 6 brilliant florets. Makes loads of bulblets that germinate easily. Large bulbs produce more than one spike. For specimen spikes disbud large bulbs to one eye. Some cutflower growers consider this one of their best scarlet varieties. Often referred to as a red Picardy. Has received an AWARD OF MERIT from the Maryland Trial Gardens.

	Large	Medium	Small	Bulblets
1	\$.15	\$.10	2 for \$.10	10 for \$.15
10	1.20	.80	.40	100 for 1.00

Darlene

Rich buff apricot, illuminated by two small vermillion marks deep in throat. Makes a perfectly placed decorative spike of 6 to 8 florets on medium plant. Have reports of this making 5" florets. Considered a fine decorative.

	Large	Medium	Small	Bulblets
1	\$.15	\$.10	2 for \$.10	10 for \$.15
10	1.20	.80	.40	100 for 1.00

Dixie Belle

True orange, comparable to the color of California oranges. The ruffled florets of heavy substance and fine texture are 3½" on 3 to 3½ foot spikes. A brilliant sparkling flower for decorative purposes. Has received COMMENDATION AWARD and AWARD OF MERIT from N. E. G. S.

	Large	Medium	Small	Bulblets
1	\$.10	2 for \$.15		
1080	.60	.40	100 for .50

Flame Nymph

Warm pink with white throat. Can make a huge exhibition spike and one well grown spike is a bouquet in itself. The Legion Trial Grounds gave it No. 1 rating over a three year trial period. Shown as seedling in Wisconsin it won first in seedling class for exhibition pinks of all shades. Like many varieties it flecks under some conditions.

	Large	Medium	Small	Bulblets
1	\$.25	\$.20	\$.15	10 for \$.25
10	2.00	1.60	1.20	100 for 1.50

Minnewashta

Large tall orange Picardy seedling. Has been outstanding and reliable performer. Florets are large and of heavy substance. Makes sound healthy bulbs and many large bulblets that germinate easily. Prof. Ray Nelson, Dept. of Botany, Michigan State College, reports MINNEWASHTA fusarium resistant. Has received COMMENDATION AWARD from Maryland Trial Gardens.

	Large	Medium	Small	Bulblets
1	\$.15	\$.10	2 for \$.10	10 for \$.15
10	1.20	.80	.40	100 for 1.00

Red Spire

Red with slight suggestion of rose, has narrow cream stripe on lower petal. Well grown can make a sensational spike of 10 open florets on extra long flower head. Substance is heavy and color unflecked. Late bloomer. If planted early and given good culture will reward with surprising exhibition spike.

	Large	Medium	Small	Bulblets
1	\$.25	\$.20	\$.15	10 for \$.25
10	2.00	1.60	1.20	100 for 1.50

Royal Purple

Glossy deep plum purple, an absolute self color. Opens 4 to 5 large well placed florets on 4 foot; always straight spike.

	Large	Medium	Small	Bulblets
1	\$.10	2 for \$.15		10 for \$.15
1080	.60	.40	100 for 1.00

Seedlings For Trial

No. 3671

Clean pure rose pink blending to white throat. This has never flecked under any circumstances. Medium plant opening 5 to 6 florets of good substance on an 18 to 20 bud flower head.

No. 354 TR

Pleated and ruffled florets of somewhat triangle form up to 5 1/2". Opens 5 to 6 on medium plant with 18 bud spike. Color is warm salmon orange scarlet with an artistic small rose violet blotch which adds to the beauty of the flower.

No. 3433X

We sent this out last year. Has been sensational with some while others reported short flower head. In Iowa it was good enough to become Champion seedling in 1942. Reports call it from a "heavier" to a "glorified" Rosa Von Lima. When it comes good can make a wonderful exhibition spike of light pink of rose lavender cast.

The above seedlings 25c each or 5 for \$1.00 — 5 bulbs each of the three seedlings, 15 bulbs in all for \$2.50

"Treasure Chest" Collection

Our named collections have proven popular and we are again offering them for 1943. We have hundreds of varieties to use in these collections. All colors will be represented and each lot will be separately labeled. The 100 bulb collection will be composed of from 20 to 30 separately labeled varieties and are sure to please.

100 Large Bulbs (labeled)	- - -	\$3.00
50 Large Bulbs (labeled)	- - -	1.50
100 Medium Bulbs (labeled)	- - -	2.00
50 Medium Bulbs (labeled)	- - -	1.00

Standard Varieties

ARETHUSA, ruffled creamy tan, L 2-25c. BINGO, large cream pink, L 10c, M 2-15c. CAPRI, tall ruffled cream L 15c. CAMROSE, shell pink cream throat, L 15c, M 10c. CORAL GLOW, coral orange, L 10c, M 2-15c. COONEY LASS, salmon rose pink, L 20c. DIANE, choice orange salmon L 25c. EUIDES, bluish white, heavy substance, L 2-15c. GUERDON, new American beauty red, L 25c, M 15c. HARMAU, red rose, L 15c, M 2-15c. HINDENBURGS MEMORY, large blood red, L 20c, M 15c, S 2-15c. KING LEAR, large ruffled purple, L 15c, M 2-15c, S 2-10c. LEGEND, extra fine pink, tall, many open, L 50c. LEONA, rose red, L 2-15c. MARGARET BEATON, outstanding white, small vermilion blotch, L 10c, M 2-15c. MOHAWK, deep maroon, opens 8 5" florets on tall spike, L 50c. MRS. MARK'S MEMORY, giant purple red, L \$1.50. MYRNA, choice ruffled cream white, L 15c, M 10c, S 2-10c. PARNASSUS, rich pansy purple, L 35c. RED GIANT, tall cerise red, L 2-15c. ROSA VON LIMA, very fine light rose pink, L 2-15c, M 2-10c, S 4-10c; TIP TOP, large scarlet, L 2-15c. VALERIA, good salmon scarlet, L 3-35c, M 3-15c, S 3-10c. VELA, red, L 15c, M 10c. VULCAN, 6" purple flowers, tall plant, L 75c. WALKOVER, large scarlet, L 15c. ZACATY, giant plant, bloom light rose lavender and salmon, L 15c.

THE FOLLOWING VARIETIES ARE 5 LARGE BULBS FOR 20c, 5 MEDIUMS FOR 15c

MISS NEW ZEALAND, giant salmon pink. REWI FALLU, large deep red. LUCIFER, tall orange and crimson. QUEEN HELEN, light orange pink. GOLDEN POPPY, deep yellow. MARMORA, lavender grey. DR. HOEG, dark red. GOLDEN CHIMES, yellow. GERTRUDE SWENSEN, outstanding lavender, opens 8. VAGABOND PRINCE, outstanding brown. GOLDEN LANCER, pinnard yellow. GATE OF HEAVEN, yellow. RUFFLED BEAUTY, very large ruffled yellow. MAID OF ORLEANS, best all around white. ORANGE PRINCESS, orange red. FRANK McCOY, exhibition pink. LADY LOVE, brilliant early salmon rose. PICARDY, apricot pink. AMADOR, red. AFLAME, tall, large bloom rosy red. ELLEN MARIE, rich salmon orange pink. BLUE DANUBE, sparkling blue. DREAM OF BEAUTY, deep rose red. MOROCCO, black red. JERSEY CREAM, cream. BEACON, red, yellow throat. PARADISE, apricot, tall. SHIRLEY TEMPLE, cream. PHYLIS McQUISTON, light pink. HERITAGE, light pink. BLUE PEACOCK, blue. COMMANDER KOEHL, red. RED ADMIRAL, red.

THE FOLLOWING VARIETIES Are Offered IN MED. BULBS @ 4 FOR 20c

AMRITA, ruffled buff. RIMA, pale lavender. BLACK OPAL, dark red. BARCAROLE, orange salmon. JASMINE, ruffled light yellow. VISTA BONITA, large warm pink. BLUE BEAUTY, strong growing blue. ROBERT BURNS, dark blue. PEGGY LOU, warm rose pink. CAMELIA, light pink with red blotch.

Some of these standard varieties may be sold out early. Please indicate second choice. **WE PAY TRANSPORTATION ON ALL RETAIL ORDERS.**

Free Amaryllis Bulb

Ten years ago I secured some of RICHARD DEINER'S finest varieties and used them for breeding stock. We marked a considerable number of seedlings ranging in size from 8 to 10 inches. I intended to use these selections for further breeding but due to lack of help, I am offering them as premiums for early orders. On orders for \$5.00 reaching me by March 1st, I will include, as long as supply lasts, one of these selected AMARYLLIS BULBS if requested with order.

How To Grow Fine Spikes Of Gladiolus

When your bulbs arrive and you are not ready to plant, open the bags to admit air, and store them in a cool place until planting time.

Early planting is usually best, your glads will bloom before the hot weather arrives.

If you did not prepare the bed the previous fall by spading rough and coating with 3 to 5 inches of old rotten cow manure, this to be spaded in deeply in the spring, then you should prepare the bed now.

FIRST — Select a place as far from buildings and large trees as you can. The better you prepare the bed the better your results will be. Spade deep and use plenty old rotten cow manure if you can get it, otherwise use a good grade of complete artificial fertilizer, such as Vigoro. Dig a trench about 7 inches deep, and apply a heavy dusting of fertilizer in the bottom of the trench, cover this with 2 inches of good soil and plant your bulbs on top of this, then cover with the remaining ground. This will put the bulbs 5 inches below the **LEVEL**. See that no fertilizer touches the bulbs.

You can plant your bulbs close together if you must, but bulbs planted 7 to 10 inches apart in the trench will produce much bigger plants and flowers. The gladiolus needs root room to produce exhibition spikes.

After planting, the bulbs won't need much extra watering for some time, this forces them to send their roots down deep into the rich mellow earth, but when the flower spikes start showing, you absolutely **MUST** keep the ground moist deep down. A mere sprinkling each night will do no good; in fact is harmful, as this draws the roots to the surface where they are damaged by the hot surface ground. After the flower spikes start showing, soak your glads down twice each week and keep this up until you cut the spike.

When the first blooms open, cut the spikes in the morning(leaving at least 4 leaves on the plant to develop the bulb next year.)

Place the cut spike in water in your cool basement, and leave until the following morning. You will be surprised to see how the spike developed. Your spike is now in its prime for vasing. The gladiolus is primarily a cut flower. Don't leave these lovely flowers out in the wind and sun to be damaged. Enjoy them indoors.

THRIP.—Fortunately we have not been troubled with thrip here, but in many localities thrip has discouraged many a glad fan until they found the remedy.

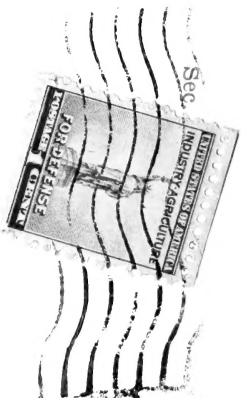
Thrip is a tiny insect, in fact it is a mere speck. They suck the life juice from the tender flower spike even before it emerges. The result is a poor spike, if any. Thrip are about 1/25th of an inch long, have wings, and carried around by the wind, on clothing, etc. They increase tremendously fast, and if only a few adult thrip are present in the spring, they will increase to millions by August. Even if you plant thrip free bulbs, you will likely get them from your neighbors if their plants have thrip, because thrip are carried around.

HOWEVER THERE IS AN EASY REMEDY. Fortunately in our cold climate thrip cannot easily overwinter outdoors, the danger lies in thrip overwintering the bulbs. Therefore **EVERY GLAD BULB SHOULD BE DISINFECTED** before planting, no matter if you had them on hand or just bought them. We use **BICHLORIDE OF MERCURY**, 1 oz. dissolved in 7 gallons of water. We place each variety in a cloth sack, labeled, and soak the bulbs 12 to 18 hours. The solution should be kept at 60 degrees or over. We plant the bulbs while still wet, if possible. This dip kills all thrip and their eggs and also certain bacteria that might be present. Now your bulbs are in good shape, but you will have to see to it that your neighbors all around also clean up their bulbs otherwise as stated above they will spread the thrip around to your plants again. Therefore get all the neighbors who have bulbs to bring them together and disinfect them. Have a community dip for glad bulbs. **BICHLORIDE OF MERCURY IS POISON.** Use wood or crock container, never a metal one.

FROM
E. H. LINS
COLOGNE, MINN.



Glad
message
for



U. S. DEPARTMENT OF AGRICULTURE,

WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Fruit and Vegetable Crops and Diseases

••• 8-3591